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ABSTRACT OF THE DISCLOSURE

The protocol layers of a wireless communication protocol (such as Bluetooth) are divided between an access point device and a back end device 5 such that the access point device implements a lower protocol layer of the wireless communication protocol and the back end device implements upper protocol layers of the wireless communication protocol. This allows the access point device to be small, simple, and inexpensive. The back end device implements various state-based functions that are processor and memory intensive.